

## INTERNATIONAL SEARCH REPORT

IB2004/052842

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03M7/30 H03M7/40 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03M H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>SUNDARESAN N ET AL: "Algorithms and programming models for efficient representation of XML for Internet applications"</p> <p>COMPUTER NETWORKS, ELSEVIER SCIENCE PUBLISHERS B.V., AMSTERDAM, NL, vol. 39, no. 5, 5 August 2002 (2002-08-05), pages 681-697, XP004369439</p> <p>ISSN: 1389-1286</p> <p>Sections 3,4 and 10</p> <p>paragraph '07.1!</p> <p style="text-align: center;">----- -/--</p>	1-28



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

1 March 2005

Date of mailing of the international search report

14/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TOLANI P M, HARITSA, J. R.: "XGrind: a query-friendly XML compressor"          PROCEEDINGS 18TH. INTERNATIONAL CONFERENCE ON DATA ENGINEERING. (ICDE'2002). SAN JOSE, CA, FEB. 26 - MARCH 1, 2002, INTERNATIONAL CONFERENCE ON DATA ENGINEERING. (ICDE), LOS ALAMITOS, CA : IEEE COMP. SOC, US, vol. CONF. 18, 26 February 2002 (2002-02-26), pages 225-234, XP010588214          ISBN: 0-7695-1531-2          abstract</p>	1-28
X	<p>LIEFKE H ET AL: "XMILL: AN EFFICIENT COMPRESSOR FOR XML DATA"          SIGMOD RECORD, ASSOCIATION FOR COMPUTING MACHINERY, NEW YORK, US, vol. 29, no. 2, June 2000 (2000-06), pages 153-164, XP001002286          Sections 1-4</p>	1-28
A	<p>EP 0 991 018 A (FUJITSU LIMITED)          5 April 2000 (2000-04-05)          paragraphs '0010! - '0015!</p>	1-28
A	<p>WO 02/060067 A (POGO TECHNOLOGY LTD; WOOLF, MATTHEW; POGO MOBILE SOLUTIONS LIMITED) 1 August 2002 (2002-08-01)          abstract          claim 1</p>	1-28
A	<p>CHENEY J: "Compressing XML with multiplexed hierarchical PPM models"          DATA COMPRESSION CONFERENCE, PROCEEDINGS. DCC, IEEE COMPUTER SOCIETY PRESS, LOS ALAMITOS, CA, US, 27 March 2001 (2001-03-27), pages 163-172, XP002187036          the whole document</p>	1-28
A	<p>US 6 635 088 B1 (HIND JOHN RAITHEL ET AL)          21 October 2003 (2003-10-21)          column 4</p>	1-28

## INTERNATIONAL SEARCH REPORT

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0991018	A	05-04-2000	JP 2000101442 A EP 0991018 A2	07-04-2000 05-04-2000
WO 02060067	A	01-08-2002	EP 1358751 A2 EP 1360772 A2 WO 02060067 A2 WO 02060152 A2	05-11-2003 12-11-2003 01-08-2002 01-08-2002
US 6635088	B1	21-10-2003	NONE	